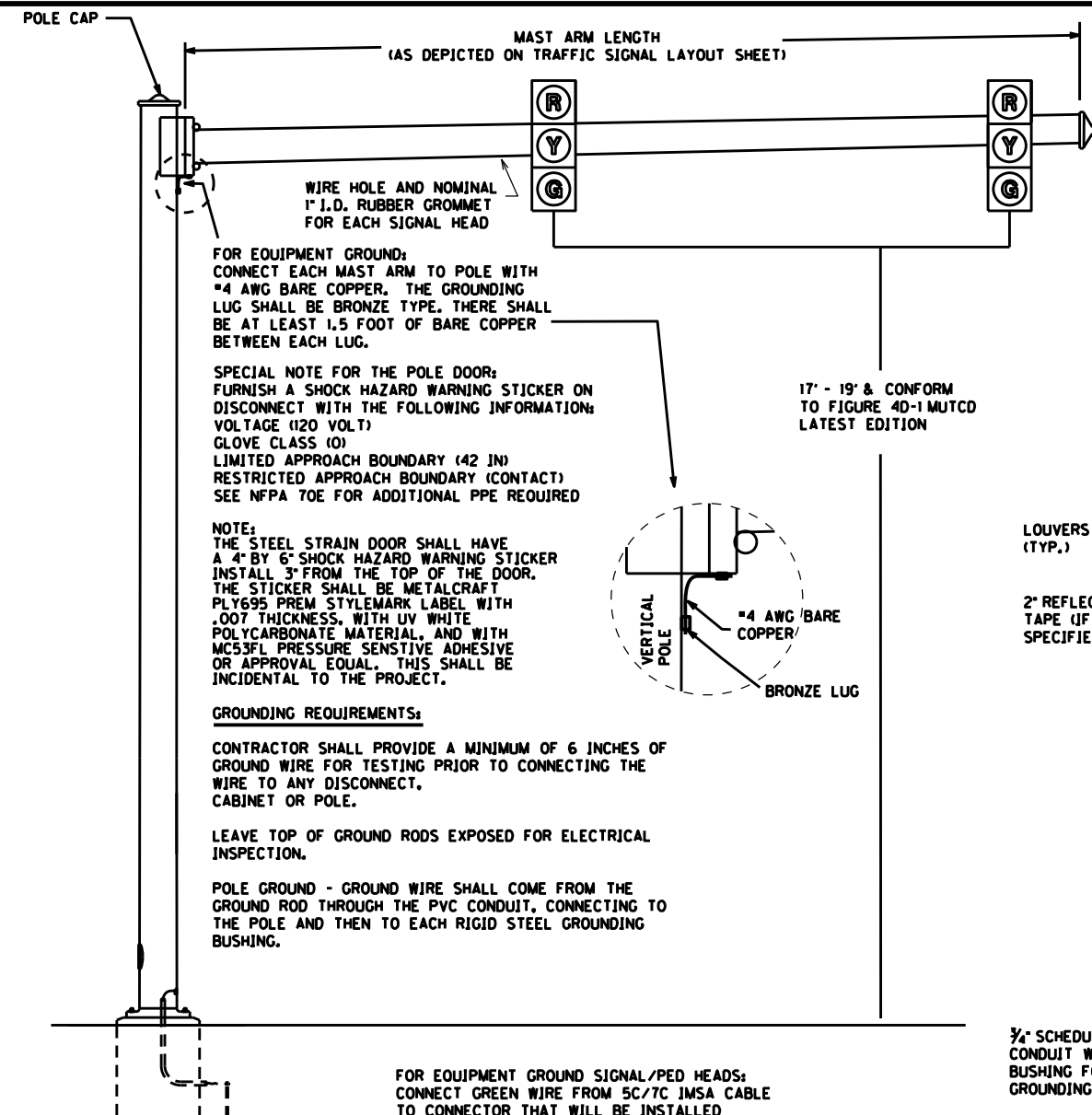


FILE NAME: C:\P\WORK\TCD SWANSEGAR\DM528756\08-MAST ARM MONO (MA).DGN

USER: Ted Swansgar  
DATE PLOTTED: July 26, 2022

E-SHEET NAME:

Power hRoads v8.11.0.307



## MONOTUBE MAST ARM POLE DETAIL

### NOTES:

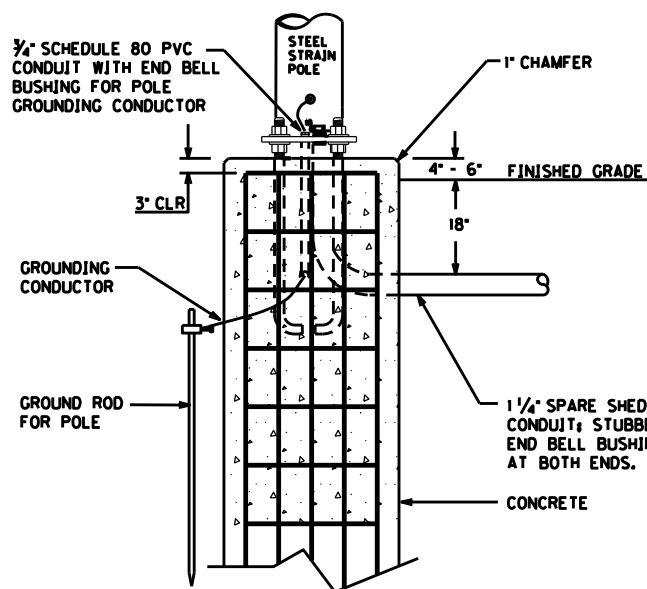
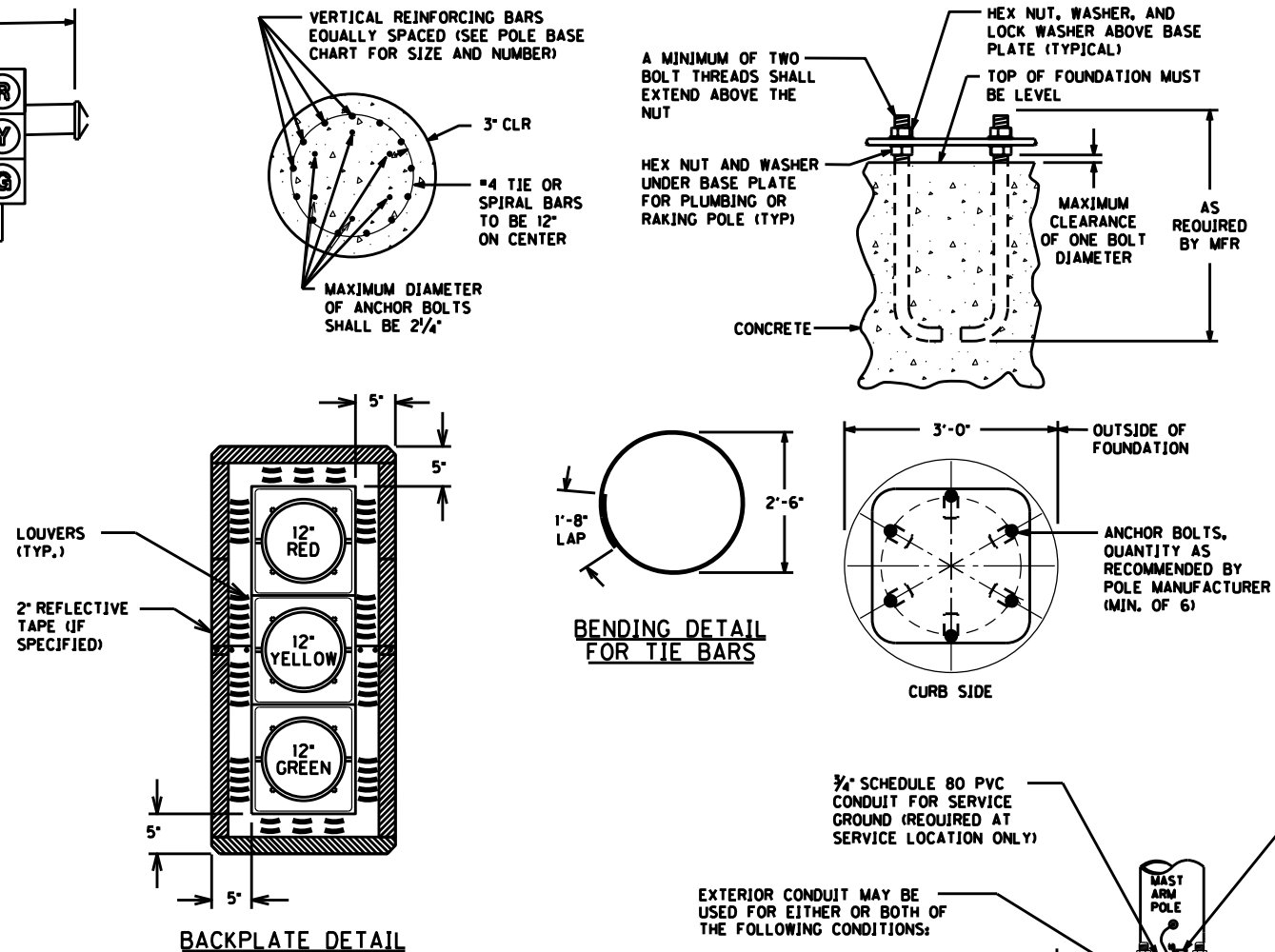
ALL CONDUITS USED FOR THE TELEPHONE, GROUNDING, SPARE, AND SERVICE THAT ARE  
INSTALLED IN THE POLE BASE ARE INCIDENTAL TO BID ITEM "23157EN". THIS INCLUDES  
PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE CONCRETE POLE  
BASE.

ALL CONDUITS SHALL BE INSTALLED 6 INCHES ABOVE THE CONCRETE POLE BASE.

FOR POLE BASE DEPTH SEE CHART IN SECTION 723 OF THE KENTUCKY STANDARD  
SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION.

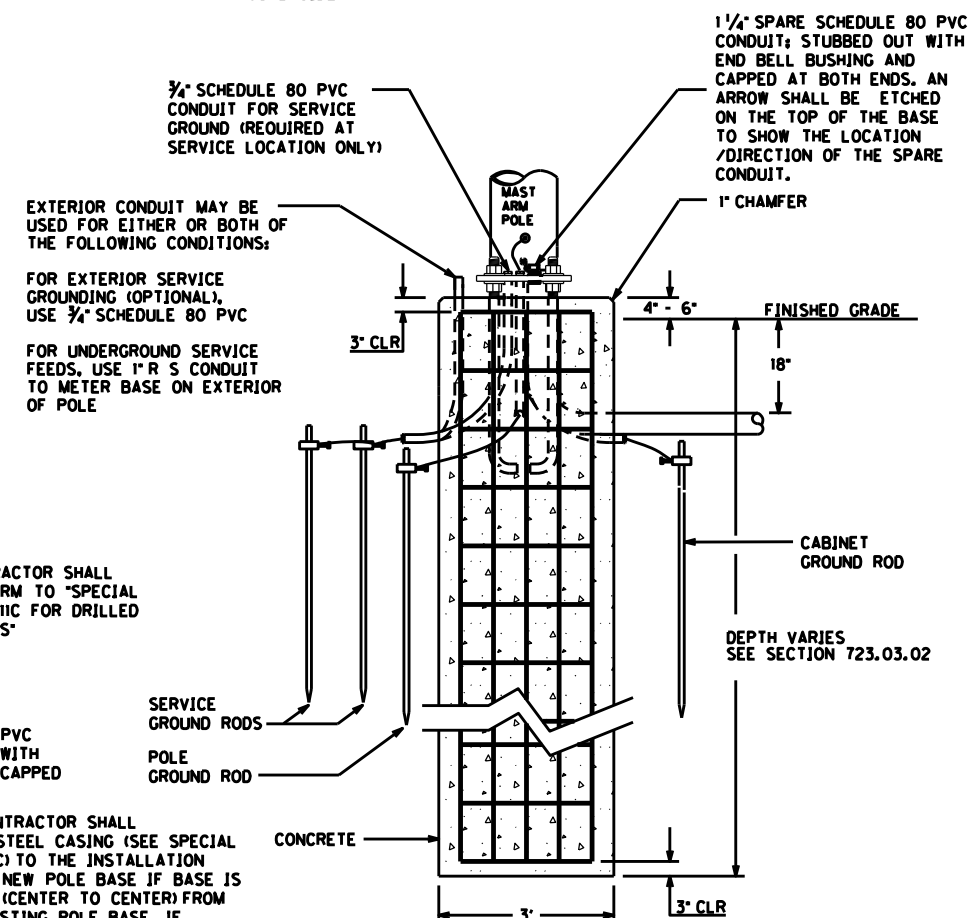
OVERHEAD SERVICE WIRES SHALL BE INSTALLED ON THE EXTERIOR OF THE POLE IN A 3/4"  
RIGID STEEL CONDUIT WITH WEATHERHEAD, OR ON THE INSIDE THE STEEL STRAIN POLE IN  
FLEXIBLE CONDUIT.

UNDERGROUND SERVICE WIRES SHALL BE INSTALLED IN 3/4" RIGID STEEL CONDUIT AS  
SHOWN ON THE CONTROLLER CABINET DETAIL SHEET.



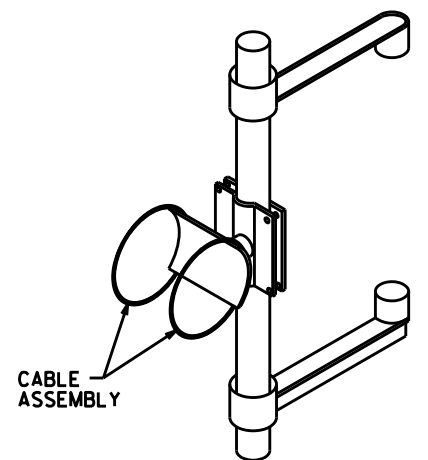
## MAST ARM POLE BASE WITH POLE GROUND DETAIL

THE CONTRACTOR SHALL INSTALL SPACERS  
ON THE POLE BASE CAGES (TOP, BOTTOM, &  
SIDES) TO GUARANTEE A 3" COVER TO THE  
EDGE OF THE POURED CONCRETE. THE  
SPACERS SHALL CONFORM TO "SPECIAL NOTE  
11C".



## MAST ARM POLE BASE WITH SERVICE, POLE, AND POLE MOUNTED CABINET GROUNDING DETAILS

THE CONTRACTOR SHALL  
ADD A STEEL CASING (SEE SPECIAL  
NOTE 11C) TO THE INSTALLATION  
OF THE NEW POLE BASE IF BASE IS  
9 FEET (CENTER TO CENTER) FROM  
THE EXISTING POLE BASE. IF  
BASE IS WITHIN 6 FOOT (CENTER  
TO CENTER), ANCHORS SHALL BE  
INSTALL ON THE EXISTING POLE  
DURING CONSTRUCTION OF THE  
NEW BASE. THE CONTRACTOR  
CAN REMOVE THE ANCHORS  
FROM THE EXISTING POLE WITH  
THE ENGINEERS' APPROVAL. THE  
CASING SHALL BE INCIDENTAL TO  
THE INSTALLATION OF THE  
POLE BASE.



## BRACKET ASSEMBLY FOR MOUNTING SIGNAL HEADS ON MAST ARMS

MAST ARM DETAILS

7/26/2022